How to replace rear brake pads of disc brake on VOLKSWAGEN TOURAN I (1T3)

VIDEO TUTORIAL

ⓘ Important!

This replacement procedure can be used for:
VW BEETLE (5C1, 5C2) 1.6 TDI, VW BEETLE Convertible (5C7, 5C8) 1.6 TDI, VW GOLF VI (5K1) 1.6 TDI, VW GOLF VI Convertible (517) 1.6 TDI, VW GOLF VI Variant (AJ5) 1.6 TDI, VW GOLF VI Variant (AJ5) 1.6 TDI 4motion, VW JETTA IV (162, 163, AV3, AV2) 1.6 TDI, VW PASSAT (362) 1.6 TDI, VW PASSAT Variant (365) 1.6 TDI, VW TOURAN (1T3) 1.6 TDI

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:

- Combination spanner #12
- Combination spanner #19
- Torque wrench
- Copper grease
- Wire brush
- Anti-squeal paste
- Brake cleaner
- Wheel impact socket #17
- Brake caliper wind back tool
- Crow bar
- Wheel chock

AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

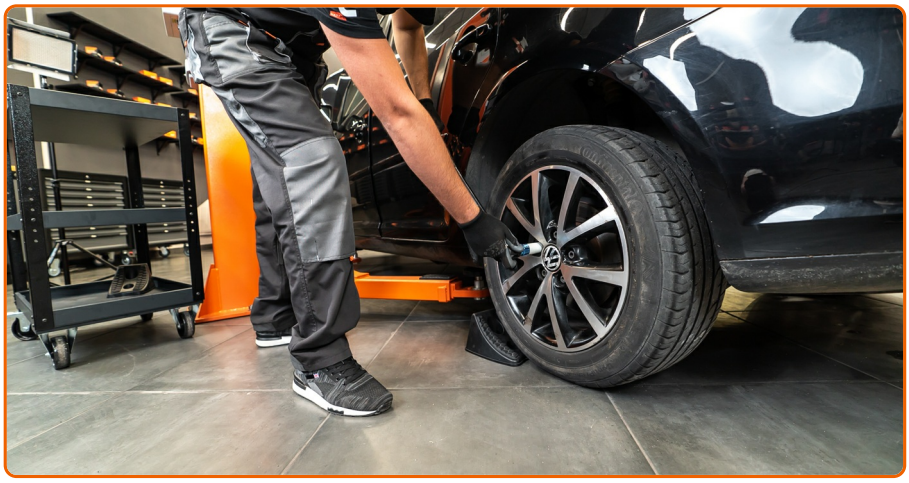
1

Open the bonnet. Unscrew the brake fluid reservoir cap.

2

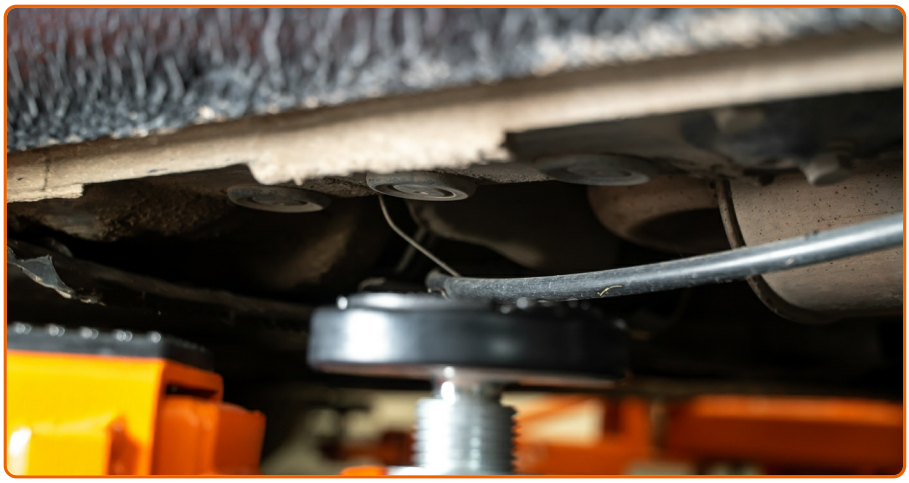
Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5

Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6

Remove the wheel.

7

Disconnect the ABS sensor electric socket. Disconnect the brake pad wear sensor plug. Remove the ABS sensor connector. Remove the connector of the brake pad wear sensor.

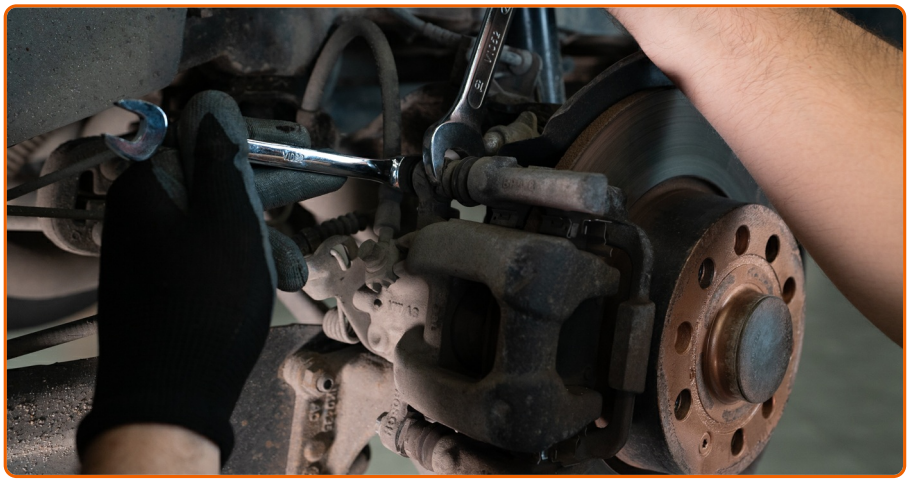
Please note!

- Some cars are not equipped with the brake pad wear sensor.

8

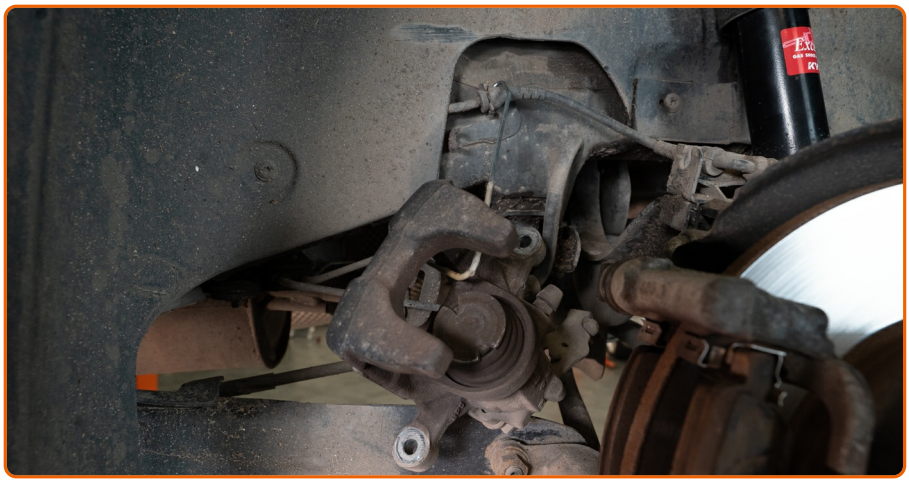
Spread the brake pads. Use a crowbar.

9



Unscrew the brake caliper fastening. Use a combination spanner #12. Use a combination spanner #19. Retain the guide pin with another spanner.

10



Remove the brake caliper.

AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.

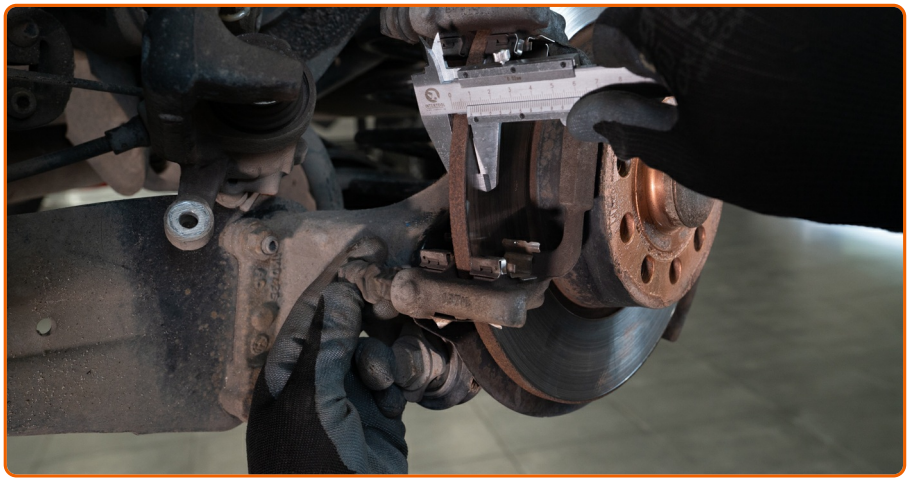
11

Remove the brake pads.

AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

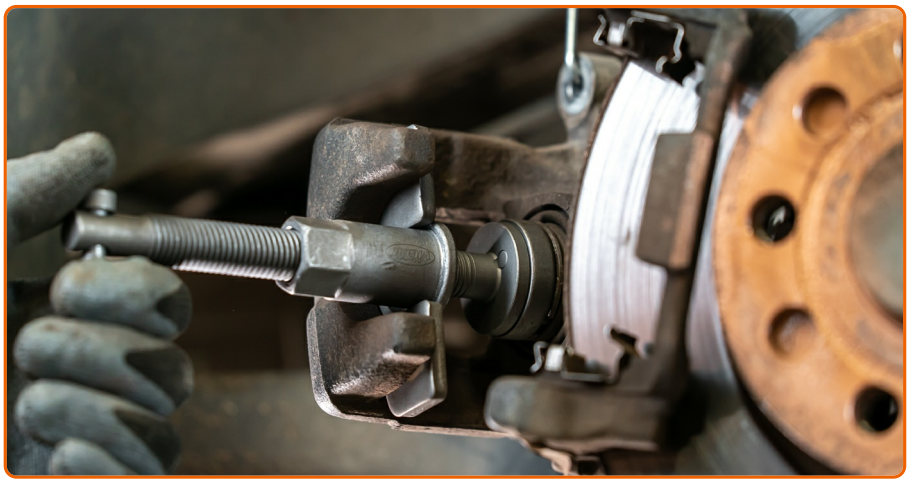


Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

13



Press in the brake caliper piston. Use brake caliper wind back tool.

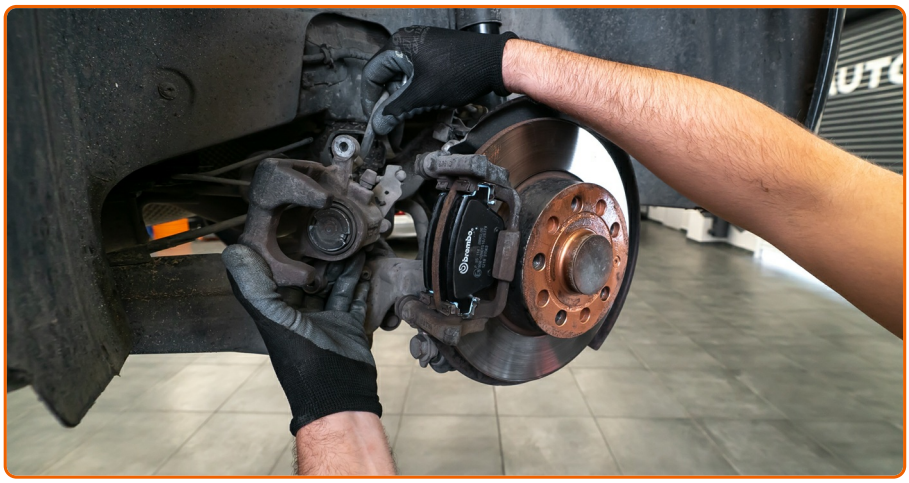
14

Treat the back side of the new brake pads. Use anti-squeal paste.

AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

15



Install new brake pads.

AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

16

Install the brake caliper and fix it. Use a combination spanner #12. Use a combination spanner #19.

17

Tighten the guide pins. Use a torque wrench. Tighten it to 30 Nm torque.

AUTODOC recommends:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

18

Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

19

Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

20

Screw in the wheel bolts. Use wheel impact socket #17.

21

Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

22

Remove the jacks and chocks.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

23

Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

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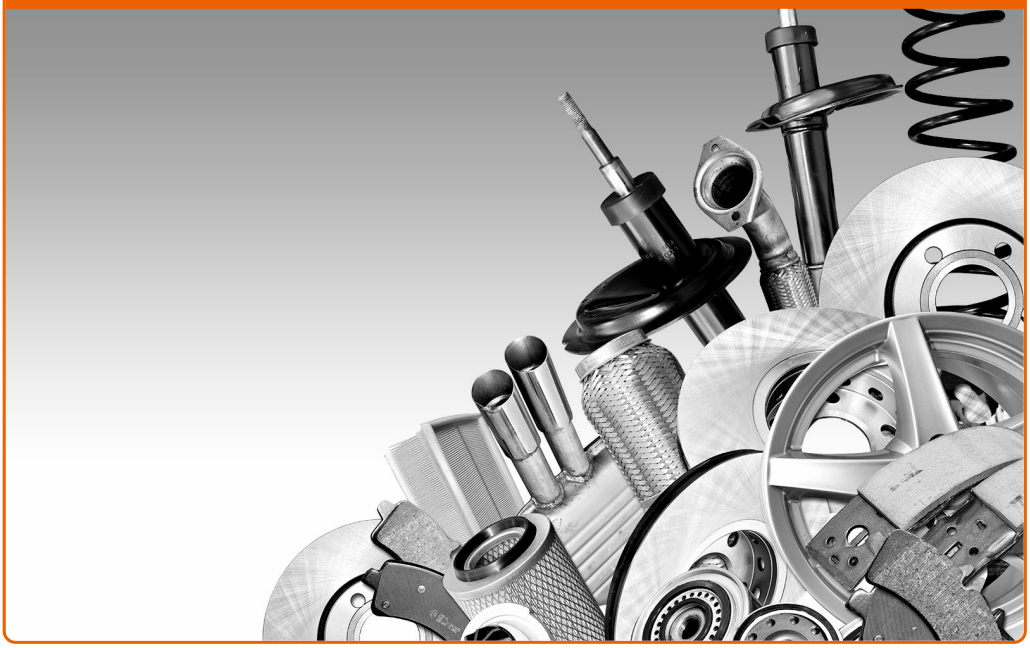

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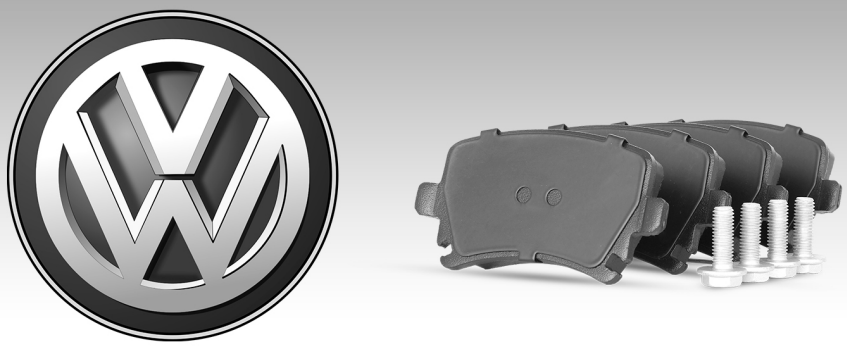

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